

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-330617

(43)Date of publication of application : 19.12.1995

(51)Int.Cl.

A61K 31/785
A61K 31/785
A61K 31/785
// A61K 35/78

(21)Application number : 06-128747

(71)Applicant : MEIJI MILK PROD CO LTD

(22)Date of filing : 10.06.1994

(72)Inventor : KII KOUSUKE

(54) PREVENTING AND THERAPEUTIC AGENT FOR ALLERGIC DISEASE

(57)Abstract:

PURPOSE: To obtain a preventing and therapeutic agent for allergic diseases containing polygalacturonic acid which is a common substance in a pectate lyase and a polygalacturonase, its salt or ester as an active ingredient.

CONSTITUTION: This preventing and therapeutic agent for allergic diseases contains polygalacturonic acid, its salt or ester as an active ingredient. The agent is useful as a preventing and therapeutic agent for pollinosis, among them pollinosis of *Cryptomeria japonica* D. Don. The preventing and therapeutic agent is capable of preventing and treating the allergic diseases by inhibiting the formation of a cross-linked structure of an allergen with IgE on the surface of sensitized cells. The polygalacturonic acid may be a polyuronic acid comprising a galacturonic acid residue; however, pectic acid in which naturally occurring D-galacturonic acid is bound through a 1 → 4 bonds is especially preferred. An alkaline metallic salt such as an Na or a K salt, an alkaline earth metallic salt, an organic amine salt, etc., are cited as the salt. A methyl, an ethyl esters, etc., are cited as the ester.

LEGAL STATUS

[Date of request for examination] 31.05.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3647895

[Date of registration] 18.02.2005

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]